

INTERNATIONAL SEARCH REPORT

Inter Application No
PCT/EP2004/011686

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/09

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | WO 03/055207 A (THOMSON LICENSING S.A; RUMREICH, MARK, FRANCIS) 3 July 2003 (2003-07-03) page 6, line 12 - page 11, line 9; figures page 12, line 4 - line 19 | 1,8 |
| Y | EP 0 458 319 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 27 November 1991 (1991-11-27) page 3, column 4, line 22 - page 6, column 10, line 47; figures | 3,9,10 |
| Y | US 2003/016600 A1 (HIRATSUKA TAKASHIGE) 23 January 2003 (2003-01-23) paragraph '0067! - paragraph '0102!; figures | 3,9,10 |
| | ----- -/-- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

17 May 2005

Date of mailing of the international search report

27/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Geoghegan, C

INTERNATIONAL SEARCH REPORT

Interr

Application No

PCT/EP2004/011686

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | <p>PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10, 31 October 1997 (1997-10-31) & JP 09 161285 A (SONY CORP), 20 June 1997 (1997-06-20) abstract</p> <p style="text-align: center;">-----</p> | 1-10 |

INTERNATIONAL SEARCH REPORT

Intern

Application No

PCT/EP2004/011686

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|--|--|
| WO 03055207 | A | 03-07-2003 | AU 2002351313 A1 EP 1454482 A1 WO 03055207 A1 US 2004257465 A1 | 09-07-2003 08-09-2004 03-07-2003 23-12-2004 |
| EP 0458319 | A | 27-11-1991 | JP 2540224 B2 JP 4026930 A DE 69125524 D1 DE 69125524 T2 EP 0458319 A2 US 5155716 A | 02-10-1996 30-01-1992 15-05-1997 13-11-1997 27-11-1991 13-10-1992 |
| US 2003016600 | A1 | 23-01-2003 | JP 2003030879 A CN 1397940 A ,C | 31-01-2003 19-02-2003 |
| JP 09161285 | A | 20-06-1997 | NONE | |